OIPE
FEB. 0 7 2005
PATENT & TRADEMARK OFFICE

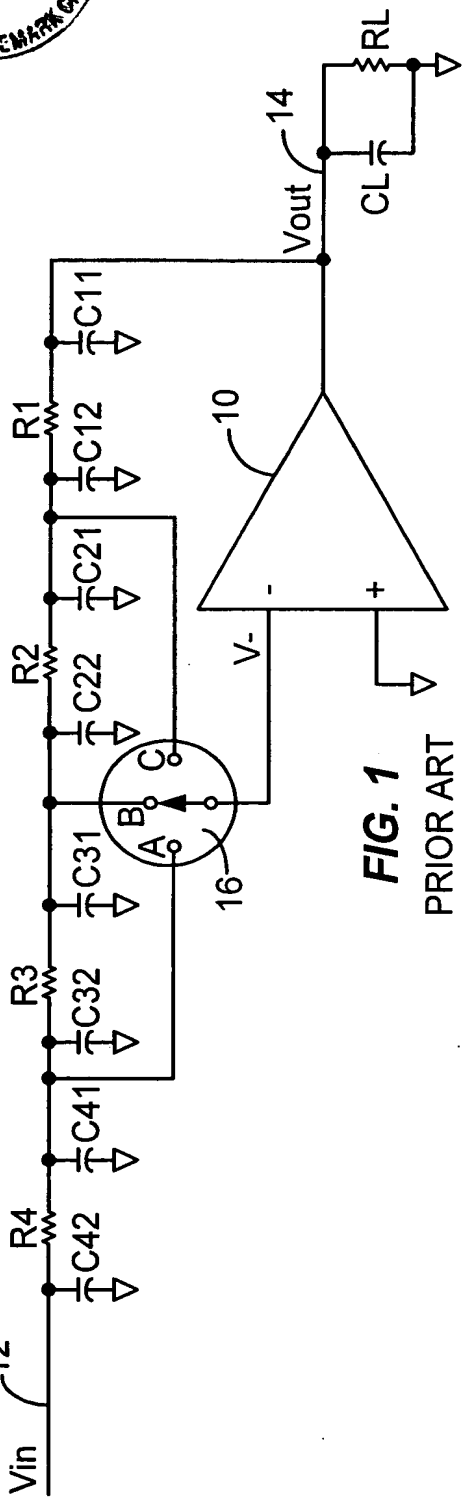

FIG. 1
PRIOR ART

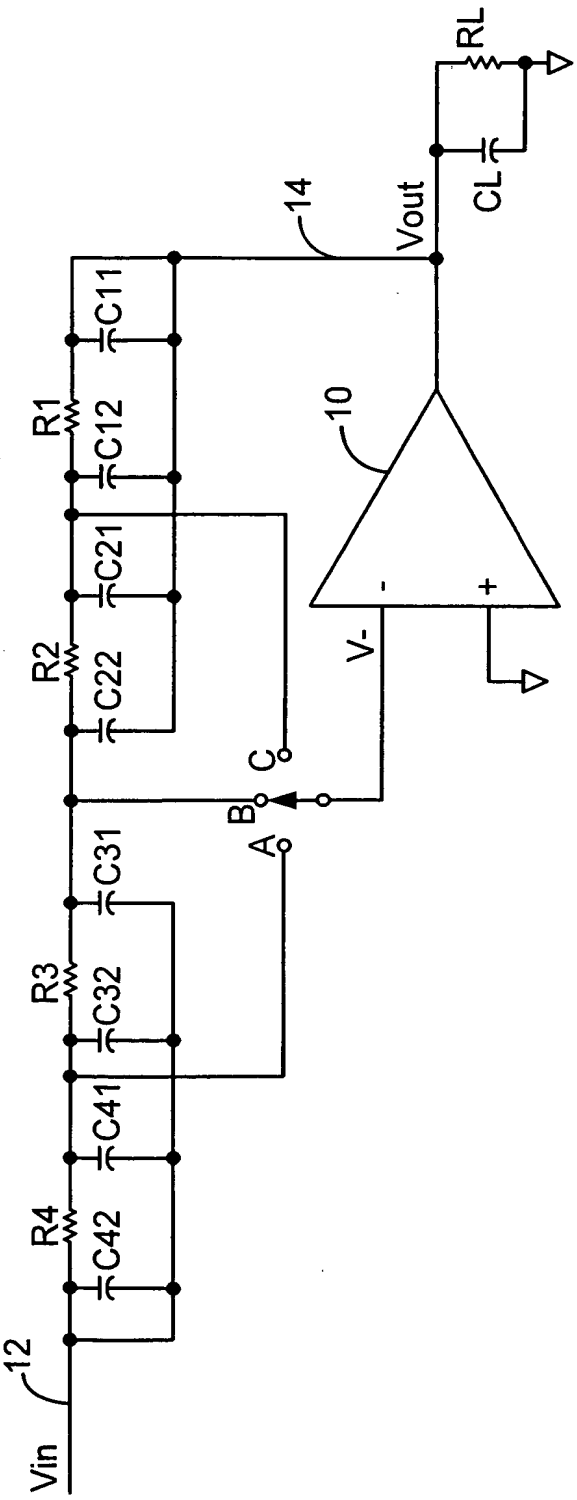

FIG. 2

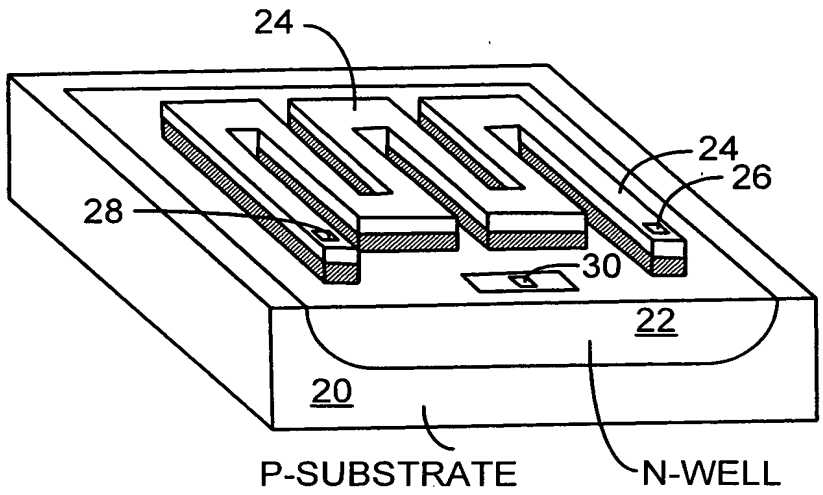

FIG. 3

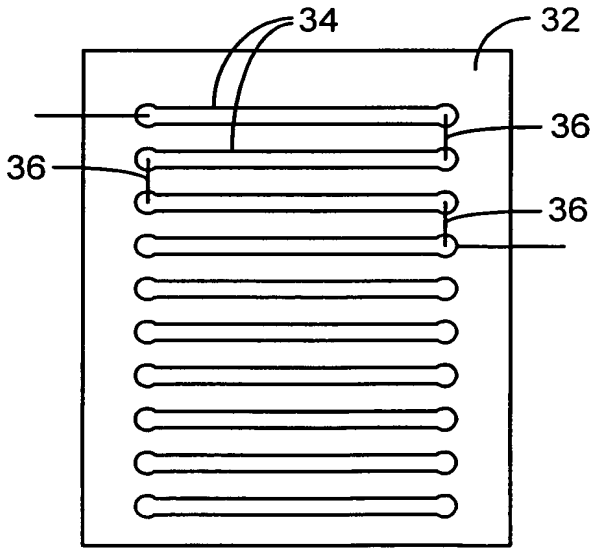

FIG. 4

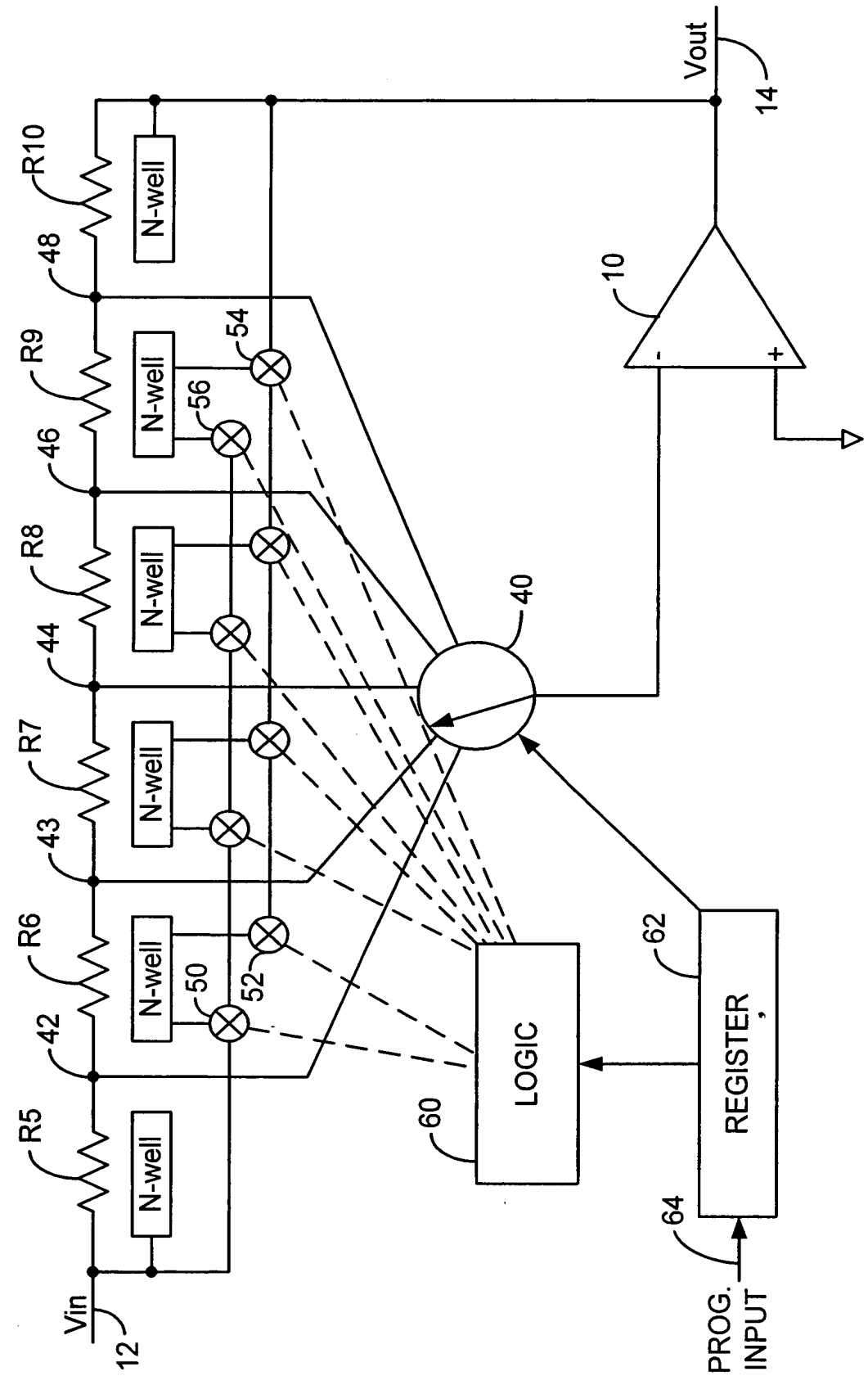
Vout
14
10
-
+
R10
48
R9
46
R8
44
R7
43
R6
42
R5
N-well
54
56
50
52
40
LOGIC
60
62
REGISTER
64
PROG. INPUT
Vin
12

FIG. 5